

List of All Chemicals

Sarracenia rubra (Sarraceniaceae)

Subspecies

subsp. wherryi

Speciesauth gov.usda.nal.duke.Authors : 716

How used

Medicinal

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
ASTRAGALIN	Leaf	--	--		*
Activities (7)					
ACE-Inhibitor ID50=180 ug/ml rat (24 hr.)					
Aldose-Reductase-Inhibitor IC30=1 uM					
Aldose-Reductase-Inhibitor IC62=10 uM	Shimizu, M., Ito, T., Terashima, S., Hayashi, T., Arisawa, M., Morita, N., Kurokawa, S., Ito, K., and Hashimoto, Y. 1984. Inhibition of Lens Aldose Reductase by Flavonoids. <i>Phytochemistry</i> , 23: 1885-1888.				
Antileukemic					
Expectorant					
Hypotensive	Uchida, U., Ohta, H., Niwa, M., Mori, A., Nonaka, G-i, Nishioka, I., and Zaki, M. 1989. Prolongation of Life Span of Stroke-Prone Spontaneously Hypertensive Rats (SHRSP) Ingesting Persimmon Tannin. <i>Chem. Pharm. Bull.</i> 38(4): 1049-1052, 1990.				
Immunostimulant					
FOENICULIN	Leaf	--	--		*
HYPERSIDE	Leaf	--	--		*

Activities (30)					
Aldose-Reductase-Inhibitor	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.				
Analgesic					
Antiaging					
Antibacterial MIC=250-500 ug/ml	<i>Planta Medica</i> , 57: A43, 1991.				
Anticancer					
Anticapillary-Fragility	Keeler, R.F. and Tu, A.T. eds. 1991. <i>Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6)</i> Marcel Dekker, Inc. NY. 665 pp.				
Antidermatitic					
Antielastase IC50=0.15 ug/ml					
Antiflu	Leung, A.Y., <i>Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics</i> , John Wiley & Sons, New York, 1980.				
Antihepatotoxic	Keeler, R.F. and Tu, A.T. eds. 1991. <i>Toxicology of Plant and Fungal Compounds. (Handbook of Natural Toxins Vol. 6)</i> Marcel Dekker, Inc. NY. 665 pp.				
Antiinflammatory 1/4 indomethacin	<i>Planta Medica</i> , 57: A131, 1991.				
Antiischemic					
Antinociceptive					
Antioxidant IC50=4.6 uM					
Antiradicular					
Antitussive					
Antiviral					
Antiwrinkle					
Calcium-Antagonist					
Cancer-Preventive	Stitt, P. A. <i>Why George Should Eat Broccoli.</i> Dougherty Co, Milwaukee, WI, 1990, 399 pp.				
Capillarifortificant	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.				
Capillarigenic	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.				
Cyclooxygenase-Activator 100 uM	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. <i>Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D)</i> , 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.				
Diuretic					
Hepatoprotective IC80=30 ug/ml	Mayumi Ito (nee Someya), et al. 1990. Hepatoprotective Compounds from <i>Canarium album</i> and <i>Euphorbia nematocarpa</i> . <i>Chem. Pharm. Bull.</i> 38(8): 2201-2203, 1990.				
Hypotensive ivn dog					
Pesticide					

Inhibitor IC50=20.8 µM

Xanthine-Oxidase-Inhibitor

cAMP-Inhibitor IC50=0.14 mg/ml

Schussler, M., Fricke, U., Nikolov, N., and Holzl, J. 1991. Comparison of the Flavonoids Occurring in Crataegus species and Inhibition of 3',5'-Cyclic Adenosine Monophosphate Phosphodiesterase. *Plant Medica* 57: Suppl Issue 2. p.A-133.

QUERCETIN-3-O-DIGALACTOSIDE

Leaf

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